

# **AUTO-ADJUST NOISE CANCELING MICROPHONE WITH POSITION SENSOR**

## **ABSTRACT OF THE DISCLOSURE**

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A system and method detects whether or not a microphone apparatus is positioned incorrectly relative to an acoustic source and of automatically compensating for such mispositioning. A position estimation circuit determines whether the microphone apparatus is mispositioned. A controller facilitates the automatic compensation of the mispositioning.

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